

Table A-V/2

1. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN CROWD MANAGEMENT TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Awareness of life saving appliance and control plan	Knowledge of: .1 muster lists and emergency instructions .2 emergency exits .3 restrictions on the use of elevators	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	The emergency procedures ensure a state of readiness to respond to emergency situations. 1. Ship venue not required 2. Practical demonstration not required
Ability to assist passengers <i>en route</i> to muster and embarkation stations	Demonstrate the ability to: .1 give clear reassuring orders .2 control of passengers in corridors, staircases and passageways .3 maintaining escape routes clear of obstructions .4 use methods available for evacuation of disabled persons and persons needing special assistance .5 search accommodation space	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	Procedures and actions are in accordance with established principles and plans for crisis management on board. Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources. Actions of crewmembers contribute to maintaining order and control. 1. Ship venue not required 2. Practical demonstration required
Muster procedures	Understand the importance of keeping order Demonstrate the ability to: .1 use procedures for reducing and avoiding panic .2 use where appropriate, passenger lists for evacuation counts .3 ensure that passengers are suitably clothed and have donned their lifejackets correctly	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	The emergency procedures ensure a state of readiness to respond to emergency situations. Actions of crewmembers contribute to maintaining order and control. 1. Ship venue not required 2. Practical demonstration required

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2. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN FAMILIARIZATION TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Design and operational limitations	The ability to properly understand and observe any operational limitations imposed on the ship, and to understand and apply performance restrictions, including speed limitations in adverse weather, which are intended to maintain safety of life, ship and cargo	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Procedures for opening, closing and securing hull openings	The ability to apply properly the procedures established for the ship regarding the opening, closing and securing of bow, stern and side doors and ramps and correctly operating related systems	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	<p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>
Legislation, codes and agreements affecting Ro-Ro passenger ships	The ability to understand and apply international and national requirements for Ro-Ro passenger ships relevant to ship concerned and the duties to be performed.	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>

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2. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN FAMILIARIZATION TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Stability and stress requirements and limitations	The ability to take proper account of stress limitations for sensitive parts of the ship such as bow doors and other closing devices that maintain watertight integrity and special stability considerations which may affect the safety of Ro-Ro passenger ships.	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Procedures for the maintenance of special equipment on Ro-Ro ships	The ability to apply properly the shipboard procedures for maintenance of equipment peculiar to Ro-Ro passenger ships such as bow, stern and side doors and ramps, scuppers and associated systems	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>

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2. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN FAMILIARIZATION TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Loading and cargo securing manuals and calculations	The ability to make proper use of the loading and securing manuals in respect of all types of vehicles and rail cars where applicable, and to calculate and apply stress limitations for vehicle decks.	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Dangerous cargo areas	The ability to ensure proper observance of special precautions and limitations applying to designated dangerous cargo areas	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Emergency procedures	<p>The ability to ensure proper application of any special procedures to:</p> <p>.1 prevent or reduce the ingress of water on the vehicle decks .2 remove water from the vehicle decks .3 minimize effects of water on the vehicle deck</p>	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>

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3. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN SAFETY TRAINING FOR PERSONNEL
PROVIDING DIRECT SERVICE TO PASSENGERS IN PASSENGER SPACES

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Communication	<p>The ability to communicate with passengers during an emergency, taking into account:</p> <p>.1 the language or languages appropriate to the principle nationalities of passengers carried on the particular route .2 the likelihood that an ability to use an elementary English vocabulary for basic instructions can provide a means of communicating with a passenger in need of assistance whether or not the passenger and crew member share a common language .3 the possible need to communicate during an emergency by some other means such as by demonstration, or hand signals, or calling attention to the location of instructions, muster stations, life-saving devices or evacuation routes, when oral communication is impractical .4 the extent to which complete safety instructions have been provided to passengers in their native language or languages .5 the languages in which emergency announcements may be broadcast during an emergency or drill to convey critical guidance to passengers and to facilitate crew members in assisting passengers</p>	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	<p>Information from all available sources is obtained, evaluated and confirmed as quickly as possible and reviewed throughout the emergency.</p> <p>Information given to individuals, emergency response teams and passengers is accurate, relevant and timely.</p> <p>Information keeps passengers informed as to the nature of the emergency and the actions required of them.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>
Life-saving appliances	The ability to demonstrate to passengers the use of personal life-saving appliances.	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	<p>The emergency procedures ensure a state of readiness to respond to emergency situations.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>

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4. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN PASSENGER SAFETY, CARGO SAFETY AND HULL INTEGRITY TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Loading and embarkation procedures	<p>The ability to apply properly the procedures established for the ship regarding:</p> <p>.1 loading and discharging vehicles, rail cars and other cargo transport units, including related communications .2 lowering and hoisting ramps .3 setting up and stowing retractable vehicle decks .4 embarking and disembarking passengers, with special attention to disabled persons and persons needing assistance.</p>	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>The emergency procedures ensure a state of readiness to respond to emergency situations.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Carriage of dangerous goods	The ability to apply any special safeguards, procedures and requirements regarding the carriage of dangerous goods on board Ro-Ro passenger ships.	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Securing Cargoes	<p>The ability to:</p> <p>.1 apply correctly the provisions of the Code of Safe Practice for Cargo Stowage and Securing to the vehicles, rail cars and other cargo transport units carried, .2 use properly the cargo-securing equipment and materials provided, taking into account their limitations</p>	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>

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4. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN PASSENGER SAFETY, CARGO SAFETY AND HULL INTEGRITY TRAINING

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Stability, trim and stress calculations	<p>The ability to:</p> <ul style="list-style-type: none"> .1 make proper use of the stability and stress information provided .2 calculate stability and trim for different conditions of loading, using the stability calculators or computer programs provided .3 calculate load factors for decks .4 calculate the impact of ballast and fuel transfers on the stability, trim and stress 	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Openings, closing and securing hull openings	<p>The ability to:</p> <ul style="list-style-type: none"> .1 apply properly the procedures established for the ship regarding the opening, closing and securing of bow, stern and side doors and ramps and to correctly operate the associated systems .2 conduct surveys on proper sealing 	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and/or practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Ro-Ro deck atmosphere	<p>The ability to:</p> <ul style="list-style-type: none"> .1 use equipment, where carried, to monitor atmosphere in Ro-Ro cargo spaces .2 apply properly the procedures established for the ship for ventilation of Ro-Ro cargo spaces during loading and discharge of vehicles, while on voyage and in emergencies 	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	<p>Student will achieve a minimum of 70% on an examination and/or simulator exercise.</p> <p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>

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5. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN CRISIS MANAGEMENT AND HUMAN BEHAVIOR

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Organize shipboard emergency procedures	<p>Knowledge of:</p> <ul style="list-style-type: none"> .1 the general design and layout of the ship; .2 safety regulations; .3 emergency plans and procedures; <p>The importance of the principles for the development of ship specific emergency procedures including:</p> <ul style="list-style-type: none"> .1 the need for pre-planning and drills of shipboard emergency procedures; .2 the need for all personnel to be aware of and adhere to pre-planned emergency procedures as carefully as possible in the event of an emergency situation. 	Assessment of evidence obtained from approved training, exercises with one or more prepared emergency plans and practical demonstration.	<p>The emergency procedures ensure a state of readiness to respond to emergency situations.</p> <p>1. Ship venue not required 2. Practical demonstration not required</p>
Optimize the use of resources	<p>Ability to optimize the use of resources, taking into account:</p> <ul style="list-style-type: none"> .1 the possibility that resources available in an emergency may be limited; .2 the need to make full use of personnel and equipment immediately available and, if necessary, to improvise. <p>Ability to organize realistic drills to maintain a state of readiness, taking into account lessons learned from previous accidents involving passenger ships, and debriefing after drills.</p>	Assessment of evidence obtained from approved training and drills of emergency procedures.	<p>Contingency plans optimize the use of available resources. Allocation of tasks and responsibilities reflects the known competence of individuals. Roles and responsibilities of teams and individuals are clearly defined.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>

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5. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN CRISIS MANAGEMENT AND HUMAN BEHAVIOR

Column 1	Column 2	Column 3	Column 4
COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Control response to emergencies	<p>Ability to make an initial assessment and provide an effective response to emergency situations in accordance with established emergency procedures.</p> <p>Leadership skills Ability to lead and direct others in emergency situations, including the need:</p> <p>.1 to set an example during emergency situations; .2 to focus decision making, given the need to act quickly in an emergency; .3 to motivate, encourage, and reassure passengers and other personnel.</p> <p>Stress handling Ability to identify the development of symptoms of excessive personnel stress and those of other members of the ship's emergency team.</p> <p>Understanding that stress generated by emergency situations can affect the performance of individuals and their ability to act on instructions and follow procedures.</p>	Assessment of evidence obtained from approved training and drills of emergency procedures.	<p>Procedures and actions are in accordance with established principles and plans for crisis management on board.</p> <p>Objectives and strategy are appropriate to the nature of the emergency, take account of contingencies and make optimum use of available resources.</p> <p>Actions of crewmembers contribute to maintaining order and control.</p> <p><i>1. Ship venue not required</i> <i>2. Practical demonstration required</i></p>

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5. SPECIFICATION OF MINIMUM STANDARD OF COMPETENCE IN CRISIS MANAGEMENT AND HUMAN BEHAVIOR

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COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Control passengers and other personnel during emergency situations	<p>Human behavior and responses Ability to control passengers and other personnel in emergency situations, including; .1 awareness of the general reaction patterns of passengers and other personnel in emergency situations, including the possibility that: .1.1 generally it takes some time before people accept the fact that there is an emergency situation; .1.2 some people may panic and not behave with a normal level of rationality, that their ability to comprehend may be impaired and they may not be as responsive to instructions as in non-emergency situations; .2 awareness that passengers and other personnel may, <i>inter alia</i>: .2.1 start looking for relatives, friends and/or their belongings as a first reaction when something goes wrong; .2.2 seek safety in their cabins or in other places on-board where they think they can escape danger; .2.3 tend to move to the upper side when the ship is listing; .3 appreciation of the possible problem of panic resulting from separating families.</p>	Assessment of evidence obtained from approved training and drills of emergency procedures.	<p>Actions of crewmembers contribute to maintaining order and control.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>

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COMPETANCE	KNOWLEDGE, UNDERSTANDING AND PROFICIENCY	METHODS FOR DEMONSTRATING COMPETENCE	CRITERIA FOR EVALUATING COMPETENCE
Establish and maintain effective communications	<p>Ability to establish and maintain effective communications, including;</p> <p>.1 the importance of clear and concise instructions and reports; .2 the need to encourage an exchange of information with, and feedback from, passengers and other personnel.</p> <p>Ability to provide relevant information to passengers and other personnel during an emergency situation, to keep them appraised of the overall situation and to communicate any action required of them, taking into account:</p> <p>.1 the language or languages appropriate to the principal nationalities of passengers and other personnel carried on the particular route; .2 the possible need to communicate during an emergency by some other means such as by demonstration, or by hand signals or calling attention to the location of instructions, muster stations, life-saving devices or evacuation routes, when oral communication is impractical; .3 the language in which emergency announcements may be broadcast during an emergency or drill to convey critical guidance to passengers and to facilitate crewmembers in assisting passengers.</p>	Assessment of evidence obtained from approved training and drills of emergency procedures.	<p>Information from all available sources is obtained, evaluated and confirmed as quickly as possible and reviewed throughout the emergency.</p> <p>Information given to individuals, emergency response teams and passengers is accurate, relevant and timely.</p> <p>Information keeps passengers informed as to the nature of the emergency and the actions required of them.</p> <p>1. Ship venue not required 2. Practical demonstration required</p>